

20021013.qrp v02_n708.qrl.20021013

Date: Sun, 13 Oct 2002 19:03:08 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2708

QRP-L Digest 2708

Topics covered in this issue include:

- 1) [137947] nor'easter rcvr - cpu chip ID?
by "John A. Evans - N0HJ" <jaevals@codenet.net>
- 2) [137948] RE: BIG TIME
by Kenneth Hoglund <hoglund@wfu.edu>
- 3) [137949] RE: BIG TIME (a little OT)
by "KD5NWA" <KD5NWA@mbayona.com>
- 4) [137950] Wal Mart WWVB CLOCKS
by "James R. Duffey" <jamesd1@flash.net>
- 5) [137951] Re: OT: Powder Coat your enclosures
by "Chuck Adams, K7Q0" <k7qo@earthlink.net>
- 6) [137952] Re: BIG TIME (a little OT)
by "tmyers" <tmyers@academicplanet.com>
- 7) [137953] Re: 'Rocky' scores again...on the road...thanks to W0CH
by "Bill, N4QA" <n4qa@hotmail.com>
- 8) [137954] Re: RM-20 power out with & without steroids
by "bob baxter" <rbaxter@cybertrails.com>
- 9) [137955] Wanted: Drake 2-NT
by "Alan Fryer" <N3BJ@hotmail.com>
- 10) [137956] Re: QRP-L digest 2707
by Monty N5FC <n5fc@io.com>
- 11) [137957] CQ MASP 2002- QRP'ers Wanted
by Paul Stroud <aa4xx@bellsouth.net>
- 12) [137958] G3YCC Memorial Web Site
by Thom LaCosta <baltimoremd@baltimoremd.com>
- 13) [137959] End fed half wave & homebrew tuner
by Rick McKee <kc8aon@juno.com>
- 14) [137960] WA4PUB on AT in Georgia
by ae5x@netscape.net (John Harper AE5X)
- 15) [137961] Formula for successful field operating
by "George Heron N2APB" <n2apb@erols.com>
- 16) [137962] re: Wal Mart WWVB CLOCKS
by "Adam Vazquez Kb2Jpd" <adamvaz@palm.net>
- 17) [137963] QRP Homebrewer #9 to the printer
by "George Heron N2APB" <n2apb@erols.com>
- 18) [137964] Re: OT: Powder Coat your enclosures
by Steve Smith <sigcom@juno.com>
- 19) [137965] RDQ: AN/URM-25D Signal Generator Output

- by "William Phinizy" <k6whp@verizon.net>
- 20) [137966] Re: Wal Mart WWVB Clocks
by "William Phinizy" <k6whp@verizon.net>
- 21) [137967] Re: Buried Coax
by George Gingell <k3tks@u1.abs.net>
- 22) [137968] Re: Wal Mart WWVB Clocks
by "Karl F. Larsen" <k5di@zianet.com>
- 23) [137969] Re: nor'easter rcvr - cpu chip ID?
by "Mark J. Dulcey" <mark@buttery.org>
- 24) [137970] Re: nor'easter rcvr - cpu chip ID?
by "Dave Ek" <ekdave@earthlink.net>
- 25) [137971] Re: nor'easter rcvr - cpu chip ID?
by Jim Gelbort <jamesgelbort@worldnet.att.net>
- 26) [137972] Atomic Clock accuracy
by "Howard Kraus" <K2UD@adelphia.net>
- 27) [137973] Re: Wal Mart WWVB Clocks and Time
by "James R. Duffey" <jamesd1@flash.net>
- 28) [137974] Re: OT: Powder Coat your enclosures
by "E. Roswell" <eroswell@monmouth.com>
- 29) [137975] AN/URM-25D Signal Generator Output
by "Norm Into" <normk8ni@neo.rr.com>
- 30) [137976] This winter's 'big project'...taking full control of my DSWs etc.
by "Bill, N4QA" <n4qa@hotmail.com>
- 31) [137977] Re: WA4PUB on AT in Georgia
by Ed Tanton <n4xy@earthlink.net>
- 32) [137978] Re: nor'easter rcvr - cpu chip ID?
by "John A. Evans - N0HJ" <jae@codenet.net>
- 33) [137979] Re: Atomic Clock accuracy
by "John J. McDonough" <wb8rcr@arrl.net>
- 34) [137980] Re: Wal Mart WWVB Clocks
by "James R. Duffey" <jamesd1@flash.net>
- 35) [137981] RE: Formula for successful field operating
by Mark Schoonover <schoon@amgt.com>
- 36) [137982] Pacificon Room needed
by "Bob Okas" <vintage2@earthlink.net>
- 37) [137983] Re: Formula for successful field operating
by "George Heron N2APB" <n2apb@erols.com>
- 38) [137984] Last Call for Custom Badges
by "Jerry Parker" <qrp@radio@charter.net>
- 39) [137985] Re: Formula for successful field operating
by "George Heron N2APB" <n2apb@erols.com>
- 40) [137986] Re: QRP-L digest 2707
by "John McClain" <digi2@earthlink.net>
- 41) [137987] Universal Whip Ant
by "Francis Callahan" <colcal@srv.net>
- 42) [137988] Re: Wal Mart WWVB Clocks
by Haines Brown <brownh@hartford-hwp.com>
- 43) [137989] Re: new rock-mite-40

by Don Minkoff <cowchip@attbi.com>
44) [137990] ARCI Fall QSO Party
by Randy Foltz <rfoltz@turbonet.com>
45) [137991] Re: RDQ: AN/URM-25D Signal Generator Output
by "W3CDE Jerry L." <w3cde@bellsouth.net>
46) [137992] Battery Chargers
by "Karl F. Larsen" <k5di@zianet.com>
47) [137993] FS/FT: Norcal 20 QRP Rig
by "Alan Fryer" <N3BJ@hotmail.com>
48) [137994] Re: Universal Whip Ant
by "James R. Duffey" <jamesd1@flash.net>
49) [137995] Active on 30m While Camping
by "Steve Yates - AA5TB" <aa5tb@arrl.net>
50) [137996] Worked ZD7VC 5 Watts SSB
by Alex <kr1st@amsat.org>
51) [137997] Nor'easter wanted
by "Thaire Bryant" <w2apf@attbi.com>

Date: Sat, 12 Oct 2002 15:04:22 -0600
From: "John A. Evans - N0HJ" <jae@codenet.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [137947] nor'easter rcvr - cpu chip ID?
Message-ID: <3DA88E56.6F64BBB@codenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings,

Which chip is the actual CPU I need to send back to Steve Weber, KD1JV??
Is it U3 the MC145170D2 or is it U4 the 90S1200-C from Atmel?? I assume it
is the MC145170, since the other chip looks like it drives the LED readout,
but I want to make sure before I mail.

tnx es 72 - john - n0hj

Date: Sat, 12 Oct 2002 17:41:17 -0400
From: Kenneth Hoglund <hoglund@wfu.edu>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [137948] RE: BIG TIME
Message-ID: <3DA896FD.C6FC4D52@wfu.edu>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jay and gang--

In the earlier thread I ran out to Wal-mart with my 14 year old son and I grabbed one: he thought it was so cool he wanted one as well, so ended with two.

Absolutely wonderful and has worked like a charm. I think Melt Solder Steve made the suggestion to sit it on something non-metallic when it is first calibrating itself to avoid confusing it.

And the + and - settings let you set the time to any zone, including UTC. But there is a daylight savings feature that kicks in automatically, so those of us with these neat clocks will need to readjust the off-set to keep the correct UTC.

Especially nice is the date setting--don't think I've messed up a single log entry since getting the clock.

73

Ken KG4FGC

Date: Sat, 12 Oct 2002 17:14:51 -0500
From: "KD5NWA" <KD5NWA@mbayona.com>
To: <aj4ay@worldnet.att.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [137949] RE: BIG TIME (a little OT)
Message-ID: <FGEMLJDCBIMMILHGIBJIOEJHCCAA.KD5NWA@mbayona.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I have one and for UTC you set it to 0 offset, since Boulder transmits UTC time. I use it as my time reference and backup alarm clock, it works fine so far.

Cecil
KD5NWA

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of

Jay Henson
Sent: Saturday, October 12, 2002 11:27 AM
To: Low Power Amateur Radio Discussion
Subject: BIG TIME (a little OT)

All,

It would seem that Mobile has really hit the big TIME, literally.

I was just up at Wal-Mart and they have a pretty good stock of the Oregon Scientific atomic clocks (remember that thread) at \$12.96 each. In just reading the advertisement propoganda on the side of the box, what sets this one apart from all others that I have seen is that you can have an offset of +/- 9 hours. I'm not sure EXACTLY what that means but I would gather that I could set the time on the clock at CST+5 hours and display UTC time. This is the ONLY atomic clock that I have seen that will display any time other than EST/CST/MST/PST. Any of you owners of this clock agree with that assessment?

Also, at Sam's other store, there is an assortment of large LCD display atomic clocks ranging in price from about \$14 to about \$28. These appear to be fairly nice office type wall clocks that can be read from several feet away. Again, they will only let you display the local times zones here in the states.

As always, the usual disclaimers, etc., yada yada yada apply. YMMV.

My best to all!

See you on the radio.

Jay
AJ4AY Mobile, AL
FISTS #7917 ARCI #8131 SOC#220 FP# - 115

Date: Sat, 12 Oct 2002 16:32:59 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [137950] Wal Mart WWVB CLOCKS
Message-ID: <B9CDFF3B.1E9D8%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="ISO-8859-1"
Content-transfer-encoding: quoted-printable

Jay - I have had one of these clocks since July. It still works fine, and yes, you can set the offset to UTC. That is what the =B1 9 hours offset means. Mine sets it self fine several times a day, just like advertised. It has everything I was looking for in a shack clock; UTC, seconds readout, large digits, and autosetting.

It is well worth the money. Just don't look inside. - Dr. Megacycle KK6MC/5
--=20

James R. Duffey KK6MC/5
Cedar Crest, NM DM65

Date: Sat, 12 Oct 2002 14:45:45 -0800
From: "Chuck Adams, K7QO" <k7qo@earthlink.net>
To: digi2@earthlink.net,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [137951] Re: OT: Powder Coat your enclosers
Message-ID: <5.1.1.6.0.20021012144117.00b1a678@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 12:02 PM 10/12/2002 -0700, John McClain wrote:

>If you want your QRP enclosures and cabinets to have that professional
>appearance, take a look at the latest Harbor Freight flyer. They have
>a Powder Coating System onsale for \$59.99. It normally goes for
>\$99.99. I am very tempted. John K7SVV

Other inquiring minds wanna know too.

1. What is the cost of materials?
2. Can you get the powder coat at Ace or Home Depot?
3. Maybe a 200 word description of the process and what makes it so good.
4. What colors are readily available?
5. What is required for cleanup?

URL's would help if there are tutorials out there on just what to do.....

Just might get one myself it is worth it? The professional painters among us can tell us what we need to know I'm sure. I'm not too thrilled to heat items in the oven at 185 deg F for two hours or more to cure them.

dit dit

Chuck Adams, K7Q0

<http://www.qsl.net/k7qo> and <http://www.earthlink.net/~k7qo>

Moving to Arizona? ---- Please bring your own water.

Date: Sat, 12 Oct 2002 22:53:56 -0500
From: "tmyers" <tmyers@academicplanet.com>
To: <aj4ay@worldnet.att.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [137952] Re: BIG TIME (a little OT)
Message-ID: <001301c2726c\$2b23dc00\$0100a8c0@newkid>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I don't know about the wall clocks from Sam's, but I have two of the Oregon Scientific clocks from Wally World and one is on local CST time and the other is on UTC. The clocks link and the are clicking away the seconds in unison for the last three months. There isn't a seconds difference in them at any time. I've tried to catch them out of sync, but it never happens. They use one "AA" battery and work well. Simply the best clocks I have ever owned.

I have not checked out the big wall clocks at Sam's as I have a large LCD one on the wall that works pretty good and predates the WWVB clocks. I will say that I would not have it if I had gotten the other clocks first. That wall clock was twice the price of the other two combined.

IT IS A DEAL!

usual disclaimers. I just like'm.

KQ5U, Terry
Spring, Texas

----- Original Message -----

From: Jay Henson <aj4ay@worldnet.att.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Saturday, October 12, 2002 11:27
Subject: BIG TIME (a little OT)

> All,
>
> It would seem that Mobile has really hit the big TIME, literally.
>
> I was just up at Wal-Mart and they have a pretty good stock of the
Oregon
> Scientific atomic clocks (remember that thread) at \$12.96 each. In
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appear to
> be fairly nice office type wall clocks that can be read from from
several
> feet away. Again, they will only let you display the local times
zones here
> in the states.
>
> As always, the usual disclaimers, etc., yada yada yada apply. YMMV.
>
> My best to all!
>
> See you on the radio.
> Jay
> AJ4AY Mobile, AL
> FISTS #7917 ARCI #8131 SOC#220 FP# - 115
>
>

Date: Sat, 12 Oct 2002 19:05:33 -0400
From: "Bill, N4QA" <n4qa@hotmail.com>
To: qrp-l@lehigh.edu

Subject: [137953] Re: 'Rocky' scores again...on the road...thanks to W0CH
Message-ID: <F16lwR8WRKj4HBNGu3U00019ed1@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Hi, Steve and group.

For mobile QRP operations and, occasionally, for short-term /m QRO, I use a separate deep-cycle marine battery and keep out of the vehicle's electrical system as much as possible. The only place my Rock-Mite's ground connection meets vehicle ground is through the coaxial feedline at the driver's side corner of the rear bumper where it connects to the Hustler. This may or may not be the best technique in any particular mobile installation but it works well in my 1993 Toyota light pickup (203 k miles and counting)...oh, what a feeling :)

Anyway, alternator whine is non-existent in my situation but radiated ignition noise does sometimes mask really weak signals...I need to do a little more work in that regard.

I would like to point out that, currently, my 'Rocky' sits, caseless, next to me on the bench seat and that I have made no attempt at shielding the rig or the haywired cables running to and fro'. Therefore, it is impossible for me to say, with any authority, as to just how/where the low-level ignition noise enters the rig...hmmm...guess I could temporarily disconnect the coax, keyline etc and do some comparative listening...

73.

Bill, N4QA

<http://www.qsl.net/n4qa/>

Send and receive Hotmail on your mobile device: <http://mobile.msn.com>

Date: Sat, 12 Oct 2002 16:19:17 -0700
From: "bob baxter" <rbaxter@cybertrails.com>
To: <terresfm@ncia.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [137954] Re: RM-20 power out with & without steroids
Message-ID: <00a001c27245\$cb07ef80\$8f542aa2@bobbaxte>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> These are the results reported with a RM-20:

>
> Stock 2n2222 On "steroids" (2N3053)
> -----
> aa7eq 350 mw 550 mw
>

I should have added that it was with 12.5 volts from a Panasonic 1.3 AH gel cell available from Electronic Goldmine for \$4.95-- at the moment. Just had the first QSO on the new RM 40 with W9MVB in Sun City. Not very far (200miles) but it was solid.

Bob Baxter AA7EQ
Bisbee, Az.

Date: Sat, 12 Oct 2002 20:24:55 -0400
From: "Alan Fryer" <N3BJ@hotmail.com>
To: <qrp-l@lehigh.edu>
Subject: [137955] Wanted: Drake 2-NT
Message-ID: <0E32IJWNDIT6bB5Rw1S00000323f@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anyone on the list have a Drake 2-NT that is surplus ? Even a parts rig would be helpful, but must be intact.

Alan, N3BJ
Bent Mountain, VA

Date: Sat, 12 Oct 2002 19:23:06 -0500
From: Monty N5FC <n5fc@io.com>
To: qrp-l@lehigh.edu, digi2@earthlink.net
Subject: [137956] Re: QRP-L digest 2707
Message-ID: <5.1.0.14.1.20021012192116.02007300@mail.io.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

John et al:

I've never understood the difference between spray painting and powder coat... can someone explain? How exactly is the Harbor Freight system set up to work?

73,
monty N5FC
<http://www.io.com/~n5fc/>

At 19:03 10/12/2002 -0400, you wrote:

>Date: Sat, 12 Oct 2002 12:02:15 -0700
>From: "John McClain" <digi2@earthlink.net>
>To: "QRP-L" <qrp-l@lehigh.edu>
>Subject: [137944] OT: Powder Coat your enclosers
>Message-ID: <003601c27221\$ea46f040\$6501a8c0@phoenix.speedchoice.com>
>MIME-Version: 1.0
>Content-Type: text/plain;
> charset="iso-8859-1"
>Content-Transfer-Encoding: 7bit
>
>If you want your QRP enclosures and cabinets to have that professional
>appearance, take a look at the latest Harbor Freight flyer. They have
>a Powder Coating System onsale for \$59.99. It normally goes for
>\$99.99. I am very tempted.
>
>
>John
>K7SVV
>K2 #2569, SST 20, Rock Mite 20, Nor'Easter

Date: Sat, 12 Oct 2002 20:55:58 -0400
From: Paul Stroud <aa4xx@bellsouth.net>
To: qrp-l@lehigh.edu, kd4pbj@worldnet.att.net
Subject: [137957] CQ MASP 2002- QRP'ers Wanted
Message-ID: <3DA8C49E.35768561@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang,

This msg was recently posted by Sir Chris, KD4_Peanut_Butter_Jelly,
to the KnightLite's reflector. I'm taking the liberty of reposting
it to QRP-L in hopes some more of our QRP Brethern will be able to
join us for the Mid Atlantic Star Party.

You may contact KD4PBJ@worldnet.att.net for further details. Also, pse
take a look at the MASP URL: <http://www.masp.org/news.htm>

72, Paul AA4XX

Announcing the 2002 Mid Atlantic Star Party to be held October 29- November 4. This event is to be held near Robbins in Moore County, just west of Carthage. The event is a large gathering of amateur astronomers from the Southeast and beyond who gather to share their enjoyment of astronomy and spend the nights observing celestial objects. Camping is the norm here as there are no structures at Camp Reeves Boy Scout Camp where this is held.

What does this have to do with QRP or Amateur Radio you may ask.....?

Last year I mentioned to the coordinator of the event that it would be nice to have an amateur radio special event station there, similar to the station that operates from the Texas Star Party. He said that this was a great idea and I was now the chairman of the station committee.

I have secured the special event calls W4A and have submitted the event to QST for publication, and after consulting with Paul (AA4XX) picked the frequencies of operation. We are set to operate from the evening of the 1st of November to the next afternoon. CW and SSB will be covered, and QRP as well as QRO are welcome. Several have agreed to serve as operators. I'm looking for more and would greatly appreciate anyone who would like to come. The site is about 60 miles south of Raleigh down US1, but is convenient to Greensboro as well via US 421 or US 220. It is \$20 to attend the event and unfortunately this year I was not able to arrange free admission for participants. If it goes well this year I intend to ask special permission for this next year, or at least be able to get some kind of discount.

If you can't make it, please try and work us- the frequencies will be published in the November QST. If you are interested, your check (made out to MASP) can be sent to :

MASP

Attn. John Dilday
244 Deerfield Road
Apex, NC 27502

Thanks.

Chris
KD4PBJ

----- End forwarded message -----

Date: Sat, 12 Oct 2002 21:19:37 -0400 (EDT)
From: Thom LaCosta <baltimoremd@baltimoremd.com>
To: "qrp-L@Lehigh.EDU" <qrp-L@lehigh.edu>
Subject: [137958] G3YCC Memorial Web Site
Message-ID: <20021012211830.F85072-100000@unix1.vhost.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

After TONS of rewrites and searching google, I've found the following files are missing from the G3YCC memorial site at <http://www.zerobeat.net/g3ycc/> AND the G3YCC site:

PITANK.GIF
(from oxo.htm(1) article about oxo tansmitter, graphic is of pitank circuit)
ccsys.jpg
(from ccsys.htm(1) Controlled Charge System for Nicads by Rudi, DL2RM described his charger for nicad batteries in Sprat number 79)

If anyone has managed to save the above, I'd love to get copies.

Thanks

Thom

baltimoremd@baltimoremd.com
<http://www.baltimoremd.com/>
<http://www.baltimorehon.com/>
<http://www.zerobeat.net>
<http://www.tlchost.net>

Thom LaCosta K3HRN Webmaster
Baltimore's Home Page
Home of the Baltimore Lexicon
Home of The QRP Web Ring and DrakeList
Web Hosting as low as \$3.49/month

Date: Sat, 12 Oct 2002 21:48:56 -0400
From: Rick McKee <kc8aon@juno.com>
To: qrp-l@lehigh.edu
Subject: [137959] End fed half wave & homebrew tuner
Message-ID: <20021012.214906.8894.1.kc8aon@juno.com>

Gang,

Well, only had time to try one qso today with the end fed 1/2 wave and the little tuner in an Altoids tin. Well, I must say I'm impressed with the performance ! I had it setup basically as an inverted L using a 20 foot long telescopic fiberglass pole. So I had about 18 feet of vertical wire, and the other 48 feet strung out horizontal (almost - it had a slight slope to it) with the end suspended about 8 feet off the ground. The horizontal portion had the end pointing almost due east. When I first set it up (in about 5 minutes time), I tuned it using the led swr indicator I had built into the tuner, then disconnected it from the rig and connected it to my MFJ - 204B antenna bridge to make sure the resistive bridge wasn't lying to me. Well, the thing showed a flat 50 ohms at 7.110 Mhz on the bridge, so I was satisfied - time to put it on the air ! Sent a string of cq's and my callsign twice followed by another string of cq's, stop and listen - no replies. So I did it again, and hit pay dirt ! Snagged Jeff, N2YVF over in Palmyra, NJ and had a solid 599 copy on him and he was qrp too at 2 watts ! I was running about 1.5 watts from the SW-40+ and Jeff returned a 599 rst to me as well. Jeff, if you're on the list the card is filled out and will be in the mail Monday. Now I cant wait to get back to the cabin in the woods sometime soon to really give this thing a try - me and my ssb qrp buddy will have some decent competition against each other since we will both have an antenna now !

72/73 DE: <K><C><8><A><0><N>

Rick McKee

Willow Wood, Ohio

Power is for punks ! QRP is for the confident !

QRP-L #2112, FPqrp #33, AR QRP #269

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<http://dl.www.juno.com/get/web/>.

Date: Sat, 12 Oct 2002 22:45:35 -0400
From: ae5x@netscape.net (John Harper AE5X)

To: qrp-1@lehigh.edu
Subject: [137960] WA4PUB on AT in Georgia
Message-ID: <4B98823F.4645EBF4.00003ABB@netscape.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

I just worked Dave WA4PUB who was camped for the night in a lean-to on the Appalachian Trail. He has a homebrew 30m rig with him that he's powering with 3 AA batteries, 1/2 watt output. Dave is 66 years old and has only 400 miles to go and will have hiked the entire 2100 miles of the Trail.

Listen for him around 10.107 MHz (I worked him at 0145 UTC).

--

John Harper AE5X
Outdoor QRP: <http://www.ae5x.com>

The NEW Netscape 7.0 browser is now available. Upgrade now! <http://channels.netscape.com/ns/browsers/download.jsp>

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Date: Sat, 12 Oct 2002 23:48:39 -0400
From: "George Heron N2APB" <n2apb@erols.com>
To: "NoVAQRP" <NoVaQRP@topica.com>, "NJQRP" <njqrp@njqrp.org>,
". Eastern PA QRP Club" <EPA-QRP@yahoogroups.com>,
Subject: [137961] Formula for successful field operating
Message-ID: <029101c2726b\$6c22ead0\$0cc13ad0@GHLTP4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Although homebrewing is surely my most favorite ham activity, I do enjoy operating and events over the last week were so motivating that I feel compelled to briefly share them.

I had recently sold off some gear that was not being used and purchased an FT-817 and various accessories. Last weekend I gathered all the items needed for a field operating adventure into a backpack, slung it over my shoulders and went out for my near-daily bike ride. (I'm an avid bicyclist and go out

for long rides in the northern Maryland countryside 3-5 times a week.)

After a good hard press over hill and dale, I'd find an appropriate park or trailside area to stop and unpack the radio, PAC-12 antenna, St Louis Radials, BLT Tuner, and Ft Smith Paddles. In mere moments I'd be operating on just about whatever band was open ... and loving it!

It is such a rush to get out of the basement shack and operate in the open sunshine, breezes and passers-by. And combining personal activities like this (biking for physical health, and ham radio for mental health), actually generates more time for the family and ever-present household duties.

Enabling factors of this neat new-found combination include: the splendid little FT-817 rig, of course, that does everything in such a small package ... and (surprisingly) the backpack!

I use the "Expedition Pack" by Communication Outfitters which is an incredibly useful tote, designed with ham radio field ops and the FT-817 in mind. It's designed to hold everything I need for a CW field adventure like described here, and a quick changeover lets me bring along my Warbler (10/20/30/40/80) and handheld computer (Libretto) to do PSK31. I make up the backpack and charge the batteries the night before in preparation for rushing home from work the next day to do a quick spin and ragchew in the field.

Morals of this simple story?

- 1) Operate the ham radio more often, in addition to building it all the time (or being on the Internet!);
- 2) Operate out in the field and (re)discover how much fun "field day" can be every week;
- 3) Combine your hobbies to increase enjoyment, save time;
- 4) Consider getting a readily-grabbed portable station together with your favorite components for use on a moment's notice.

72, George N2APB n2apb@amsat.org

PS: Links of interest for equipment mentioned ...

- # FT-817 -- AES <http://www.aesham.com/>
and Yaesu <http://www.yaesu.com/amateur/ft817.html>
- # Expedition backpack -- W4RT Electronics <http://www.w4rt.com/>
- # Warbler -- Small Wonder Labs <http://www.smallwonderlabs.com/>
- # St Louis Radials -- QRPp article by NF0R david.gauding@bbs.galilei.com
- # PAC-12 Antenna -- <http://www.njqrp.org/pac-12/index.html>
and QHB magazine http://www.njqrp.org/data/qrp_homebrewer.html
- # BLT Tuner - NorCal Kit <http://www.fix.net/~jparker/norcal.html>
- # P-TiCK Paddles -- Ft Smith QRP Group, w5jay@alltel.net

Date: Sun, 13 Oct 2002 03:52:26 +0000 (GMT)
From: "Adam Vazquez Kb2Jpd" <adamvaz@palm.net>
To: <jamesd1@flash.net>, <qrp-l@lehigh.edu>
Subject: [137962] re: Wal Mart WWVB CLOCKS
Message-ID: <20021013035226.DEDC3450F@mo130uhou.palm.net>
Mime-Version: 1.0
Content-Type: text/plain ; boundary="-----_Part_71491_2910645.1034481146917"

James R. Duffey <jamesd1@flash.net> wrote:

>Jay - I have had one of these clocks since July. It still works fine, and
>yes, you can set the offset to UTC. That is what the ? 9 hours offset
>means. Mine sets it self fine several times a day, just like advertised. It
>has everything I was looking for in a shack clock; UTC, seconds readout,
>large digits, and autsetting.
>
>It is well worth the money. Just don't look inside. - Dr. Megacycle KK6MC/5
>--
>James R. Duffey KK6MC/5
>Cedar Crest, NM DM65
>
I agree that that assessment. The interior construction is not of good quality. I
bought the tall one and two of the flat kind (both Sharp). One of them did not
receive the signal. Opening that one reveals quite a bit of flying wire
connections and one cold solder joint.

I had Originally wanted to see if I could find a spot in the device to read the
datastream. Would have been cool not to set the time on the computers.

Adam Vazquez Kb2Jpd
FDNY EMS Command

Internet handheld mobile Palm(TM) i705 or Sharp Zaurus handheld.

Date: Sun, 13 Oct 2002 00:00:59 -0400
From: "George Heron N2APB" <n2apb@erols.com>
To: "QRP-L" <qrp-l@lehigh.edu>, "NoVAQRP" <NoVaQRP@topica.com>,

"NJQRP" <njqrp@njqrp.org>,
Subject: [137963] QRP Homebrewer #9 to the printer
Message-ID: <02a801c2726d\$2528d570\$0cc13ad0@GHLTP4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi folks -

Just a quickie here ... QRP Homebrewer issue #9 is now to the printer and it won't be too long before subscribers see QHB in their mailboxes. We think it's another good issue, with a couple of surprises.

If the label on your last issue (#8) said "Issues remaining = 0", that means your subscription has expired and you won't be getting QHB any longer. There's a list of expired subscriptions at http://www.njqrp.org/data/qhb_expirations.html so you can check it out there too.

73, George N2APB n2apb@amsat.org
Editor & publisher of QRP Homebrewer magazine
at http://www.njqrp.org/data/qrp_homebrewer.html

Date: Sat, 12 Oct 2002 21:51:49 -0700
From: Steve Smith <sigcom@juno.com>
To: qrp-l@lehigh.edu
Subject: [137964] Re: OT: Powder Coat your enclosers
Message-ID: <20021012.215152.2328.3.sigcom@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John (and group),

Well, here's the first thing I ran across on the 'net that had any decent info. It's aimed primarily at motorheads but there's some good info. in there w/ pic's. and they do reference the Harbor Freight machine.

<http://www.buckeyetriumphs.org/technical/PowderCoating/PowderCoating.pdf>

Wait I've gleaned so far:

You'd better have a decent air compressor (7 CFM @ 90 PSI).
A good electric oven (no gas!) that will go to 450 deg. F.

Sandblasting of the item to be coated recommended (but maybe that just the greasy auto stuff).

Coating material that will cover an area equivalent to 3 spray cans costs about \$8.

Don't cure the stuff in the oven in an enclosed area. The fumes stink.

If I find anything more interesting, I'll report.

73.....Steve Smith, WB6TNL
Oxnard, CA USA
"Snort Rosin"

On Sat, 12 Oct 2002 12:02:15 -0700 "John McClain" <digi2@earthlink.net> writes:

> If you want your QRP enclosures and cabinets to have that
> professional
> appearance, take a look at the latest Harbor Freight flyer. They
> have
> a Powder Coating System onsale for \$59.99. It normally goes for
> \$99.99. I am very tempted.
>
>
> John
> K7SVV
> K2 #2569, SST 20, Rock Mite 20, Nor'Easter
>
>
>
>

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Date: Sat, 12 Oct 2002 22:41:38 -0700
From: "William Phinizy" <k6whp@verizon.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [137965] RDQ: AN/URM-25D Signal Generator Output
Message-ID: <006601c2727b\$3409b330\$a763e043@k6whp>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

RDQ=Really Dumb Question..

I use an old military AN/URM-25D signal generator and though I knew the ins and outs until I realized that I didn't know whether the RF output meter was peak-to-peak or RMS. Anyone know?

Please check/explain my math to me:

- (1) The output meter of the AN/URM-25D meter is set to 10 uV and the switch is set to the 10K multiplication position. Therefore the generator is producing $10 \times 10,000$ or 100,000 uV. Since 1 uV is $10e-6$ then the generator is producing a signal of 0.1 volts according to the meter.
- (2) My scope attenuator is set to .1 Volt-per-division so if the output of the generator is measured in peak-to-peak volts then I should see a trace one division high on the scope. If I see a trace 2.828 then I can assume that the generator meter is calibrated in RMS and I am seeing the peak-to-peak result. Yet when I measure it, I get approximately 2.6 divisions or 260 mV or .260 Volts. Which I chalk up to "fudge factor" and analog error.

Am I all wet?

My thanks in advance for the help.

Bill, k6whp

>

Date: Sat, 12 Oct 2002 22:43:41 -0700
From: "William Phinizy" <k6whp@verizon.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [137966] Re: Wal Mart WWVB CLOCKS
Message-ID: <000301c2727b\$7e465e80\$a763e043@k6whp>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Doc,

Why not look inside?

Bill, k6whp

Date: Sun, 13 Oct 2002 03:53:47 -0400 (EDT)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <qrp-l@lehigh.edu>
Cc: Joe Mikuckis <k3chp@erols.com>
Subject: [137967] Re: Buried Coax
Message-ID: <20021013034321.S69492-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Joe,

I don't know how far you want to go, but I have used an old garden hose buried about a foot or so from the house out about 30 feet to the base of the 5BTV Vertical. I used RG-58 X if I recall correctly. The Feeder outlived the Antenna. I also had some RG-59 Type "Twinex" LAN cable in it for another antenna at one time.

It is advisable to feed a stranded length of common house wire (#14) or a pull cord in the hose before burial.

You can also use a Cable "Snake" to get the coax in the hose, but it is much easier before burial.

This is perfect use for the old Garden Hose.

Of course, you can always Get Real Buried Coax from the Wireman. OTOH, that costs real money.

My way is free or nearly so, depending on your resources.

QRPP Dx Tu, (C) 2002 K3TKS

Sir George, The First :^}

72 ES QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
Former QRP A.R.C.I. Net Manager and CURRENT Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems, Handyman Services,
Commercial & Residential Locksmith Services (301) 572-6789 Office & Fax
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1,
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Collector of Quartz Crystals and Telegraph Keys.

Maryland Milliwatt Club QRP Reference Library, & I.Q.S.F. Donations Accepted.

RU-QRP? Club Representative, U.S. Treasurer & Founder of I.Q.S.F.

Yes, We take "PayPal" to "George Gingell" <K3TKS@abs.net>

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

Date: Sun, 13 Oct 2002 06:21:45 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: "James R. Duffey" <jamesd1@flash.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [137968] Re: Wal Mart WWVB CLOCKS
Message-ID: <Pine.LNX.4.44.0210130616590.1765-1000000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

Hi Jim, I opened mine and it's empty...a tiny pc board bees waxed to a=20 ferrite bar. It appears to me that you need to orient the radio right to=20 get a good signal.

Anyway I have two, one on Mountain time and one on UTC. Odd=20 thing though, I had to set mine to an offset of 1 rather than 0. I guess=20 it makes sense to whoever designed the chip...

On Sat, 12 Oct 2002, James R. Duffey wrote:

> Jay - I have had one of these clocks since July. It still works fine, a=nd
> yes, you can set the offset to UTC. That is what the =B1 9 hours offse=t
> means. Mine sets it self fine several times a day, just like advertised=. It
> has everything I was looking for in a shack clock; UTC, seconds readout=,
> large digits, and autsetting.
>=20
> It is well worth the money. Just don't look inside. - Dr. Megacycle KK6=MC/5
>=20

--=20

=20

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Sun, 13 Oct 2002 08:41:41 -0400
From: "Mark J. Dulcey" <mark@buttery.org>
To: jaevans@codenet.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [137969] Re: nor'easter rcvr - cpu chip ID?
Message-ID: <3DA96A05.5010902@buttery.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

John A. Evans - N0HJ wrote:

> Greetings,

>

> Which chip is the actual CPU I need to send back to Steve Weber, KD1JV??
> Is it U3 the MC145170D2 or is it U4 the 90S1200-C from Atmel?? I assume it
> is the MC145170, since the other chip looks like it drives the LED readout,
> but I want to make sure before I mail.

U4, the Atmel 90S1200, is the CPU. Yes, it also drives the LCD - the output pins of a modern microcontroller can handle enough current to drive a high efficiency LED directly. The MC145170 is the PLL.

Date: Sun, 13 Oct 2002 07:40:55 -0600
From: "Dave Ek" <ekdave@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [137970] Re: nor'easter rcvr - cpu chip ID?
Message-ID: <001001c272be\$27f97dd0\$8989fea9@oldman>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

John,

The Atmel chip is the CPU. The MC145170 is the PLL chip.

73 de Dave NK0E

Date: Sun, 13 Oct 2002 09:12:04 -0500
From: Jim Gelbort <jamesgelbort@worldnet.att.net>
To: qrp-1@lehigh.edu
Subject: [137971] Re: nor'easter rcvr - cpu chip ID?
Message-ID: <5.1.0.14.0.20021013090719.01dd9188@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

John,

You want to return U4, the Atmel microcontroller chip, to Steve. U3 is the PLL.

72,
Jim N9WW

Date: Sun, 13 Oct 2002 10:15:51 -0400
From: "Howard Kraus" <K2UD@adelphia.net>
To: <qrp-1@lehigh.edu>
Subject: [137972] Atomic Clock accuracy
Message-ID: <002801c272c3\$09650600\$07633018@buf.adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I was able to find my clock off by a factor of minutes, though the second count was good. Howcome? I wonder if it got a faulty blast of data from Boulder at some time?

It corrected itself sometime that same day and has been accurate since. Forgot the brand, but it was part of a group buy on this list a few years ago. The family even likes it!

72

Howard Kraus, K2UD

Date: Sun, 13 Oct 2002 08:29:58 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: Adam Vazquez Kb2Jpd <adamvaz@palm.net>, <WE7X@aol.com>, qrp-1 <qrp-1@lehigh.edu>
Subject: [137973] Re: Wal Mart WWVB Clocks and Time
Message-ID: <B9CEDF86.1EA4A%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Adam, Rod - The clock I purchased at Wal-Mart is an Oregon Scientific RM-103A. It is the horizontal silver colored model. The upright black one is an RM-106A, I believe.

It is fairly impossible to figure out where to tap into anything on the inside, let alone the data stream. It will be interesting to see how long it lasts, and if it fairs well in the field. Definitely not Mil-Spec construction.

The computer clocks here are set automatically with the internet. It is part of the operating system and is transparent to the user after providing initial settings. I don't want to start another OS thread, so I won't say which one. :^)= If it is not part of your operating system, I am certain that you can find a small freeware application that will do it with your operating system. There are a number of time servers, of varying accuracy, on the internet operating under the Network Time Protocol (NTP). It is all pretty cool. Of course most VCRs and TVs these days set themselves from time signals provided on the TV signals. My computer and VCR agree as closely as my eye can tell, so I guess it all works.

What does all this have to do with QRP? Well accurate timekeeping is a must for accurate logging, particularly if you expect to get a QSL from that rare one. Most QSL managers are not too keen about pouring over their logs to find you if you are not in the log at the time you say you are. For contest checking, if the guy you worked is not in the log at the same time, you may have a QSO dropped. Long ago, the time used to be a required item to be sent in Sweepstakes. If you are into satellite operations, if you miss the time the satellite comes above the horizon by a few minutes, you have lost a substantial amount of the available operating time. Or all of it for low passes. And you avoid looking foolish. I recall a popular QRP contest a few years back when a station was still calling CQ TEST 5 minutes after the contest had ended. - Dr. Megacycle KK6MC/5

--

James R. Duffey KK6MC/5
Cedar Crest, NM DM65

Date: Sun, 13 Oct 2002 10:38:42 -0400
From: "E. Roswell" <eroswell@monmouth.com>
To: qrp-1@lehigh.edu
Subject: [137974] Re: OT: Powder Coat your enclosers
Message-ID: <3DA98572.47CC1E90@monmouth.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

You can find the item # 42082 at their site:
<http://www.harborfreight.com/cpi/ctaf/Displayitem.taf?itemnumber=42802>
You can also download their PDF manual from there; it will tell you about all those things you don't want to hear, i.e. curing oven, ventilation, clean-up, etc.
Search their site under "powder coat" and you can see the prices on the paint, ovens.
Intriguing, but looks like another whole hobby I don't need to add now!
73, Ed, K2MGM.

Date: Sun, 13 Oct 2002 15:19:18 -0000
From: "Norm Into" <normk8ni@neo.rr.com>
To: <k6whp@verizon.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [137975] AN/URM-25D Signal Generator Output
Message-ID: <007901c272cb\$e696b840\$3ff85d18@S0025384750>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "William Phinzy" <k6whp@verizon.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, October 13, 2002 5:41 AM
Subject: RDQ: AN/URM-25D Signal Generator Output

>
>
> I use an old military AN/URM-25D signal generator and though I knew the
ins

> and outs until I realized that I didn't know whether the RF output meter was
> peak-to-peak or RMS. Anyone know?

.....
Bill,RMS, you figured it out OK. When you are dealing with lowlevel RF measurements, it's always sine wave, on the assumption that the signals used are essentially undistorted. Of course, peak to peak is of interest in digital and other usage, but not receiver measurements.

.....
> Please check/explain my math to me:
>
> (1) The output meter of the AN/URM-25D meter is set to
> 10 uV and the switch is set to the 10K multiplication
> position. Therefore the generator is producing $10 \times 10,000$
> or 100,000 uV. Since 1 uV is $10e-6$ then the generator is
> producing a signal of 0.1 volts according to the meter.
>
> (2) My scope attenuator is set to .1 Volt-per-division so
> if the output of the generator is measured in peak-to-peak
> volts then I should see a trace one division high on the
> scope. If I see a trace 2.828 then I can assume that the
> generator meter is calibrated in RMS and I am seeing the
> peak-to-peak result. Yet when I measure it, I get
> approximately 2.6 divisions or 260 mV or .260 Volts.
> Which I chalk up to "fudge factor" and analog error.

.....
Bill, you are looking at the combo of generator and scope error of only about 0.7dB. All things considered, a discrepancy of less than a dB is great ! It's hard to read a scope closer than that, even at higher levels.

I have had a AN/RM-25F for the last 20 years or so. It is stable and equally accurate and I usually use it with an external attenuator.. It's principal limitation is that leakage corrupts measurements in the microvolt region, prohibiting measurement of MDS. The next time I use it, I will try it with a power line isolation transformer and a battery powered comm. receiver to see how much leakage is through the case and shielding.

Try yours with a sensitive battery powered radio and see if you can attenuate the output to zero. I'd be interested in your results.

Norm - K8NI

Date: Sun, 13 Oct 2002 11:31:05 -0400
From: "Bill, N4QA" <n4qa@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [137976] This winter's 'big project'...taking full control of my DSWs etc.
Message-ID: <F71VTiYZvkxEA0u38Y800006a0b@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Hi, y'all.

Last winter it was DSWTUN95. This winter, think I'll learn some about programming and interfacing Microchip's PIC line of microcomputer devices. Looks as though things have changed quite a bit since the Motorola MC6801 MCU family of the late 1970s...

I'm particularly interested in acquiring the ability to modify Dave's (K1SWL) FB DSW-X0 firmware (a total re-write campaign, actually, since I haven't seen the first byte of Dave's code) in order to make my DSWs do some 'different things'. After that...who knows...

So, I just purchased Microchip's PicStart Plus programmer, which includes MPLAB IDE pc software and a handful of PIC16CE623-04/P low-cost PICS for some 'cheap' early experience.

Wish me luck...think I'll need it :)

Also, listen fer me and 'Rocky' from the mobile on 20, 6-7 am and 3-4 pm, Eastern Time, weekdays.

73.

Bill, N4QA

<http://www.qsl.net/n4qa/>

MSN Photos is the easiest way to share and print your photos:
<http://photos.msn.com/support/worldwide.aspx>

Date: Sun, 13 Oct 2002 11:48:01 -0400
From: Ed Tanton <n4xy@earthlink.net>
To: ae5x@netscape.net,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [137977] Re: WA4PUB on AT in Georgia

Message-ID: <5.1.1.6.2.20021013114449.0202c200@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Awesome John! My friend Randy (K40DL) and I have talked for years about doin' the Trail. Who knows... we may do it yet. My hat is off to Dave!

At 10:45 PM 2002-10-12, John Harper AE5X wrote:

>///snip ...worked Dave WA4PUB ...in a lean-to on the Appalachian Trail
>...Dave is 66 years old and has only 400 miles to go and
>will have hiked the entire 2100 miles of the Trail.
>
>Listen for him around 10.107 MHz (I worked him at 0145 UTC).
>
>--
>John Harper AE5X
>Outdoor QRP: <http://www.ae5x.com>

>///snip

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Sun, 13 Oct 2002 10:00:34 -0600
From: "John A. Evans - N0HJ" <jaevans@codenet.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [137978] Re: nor'easter rcvr - cpu chip ID?
Message-ID: <3DA998A2.C48F3DDC@codenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks for the feedback - the CPU is u4, the large atmel chip.

tnx es 72 - john - n0hj

Date: Sun, 13 Oct 2002 12:13:45 -0400
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: <K2UD@adelphia.net>
Subject: [137979] Re: Atomic Clock accuracy
Message-ID: <005a01c272d3\$83c532c0\$010044c0@chartermi.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I think this is going to depend a lot on where you are. I have the MFJ clock and it's nice in having very large letters. But here in the basement shack, it only hears WWVB late at night, and in the summer, once in a while it will be way off. It will almost always correct itself the next night, but since WWVB isn't hearable here during the day, that means it's off a long time. Fortunately, when it is off, it's off a LOT (usually hours) so there's not a lot of chance of missing the fact that it's off. I keep my computers synched to the NIST time standard, so I do know what time it is, but it's a lot more convenient to look at the huge clock rather than the little bitty letters at the bottom of the screen.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Howard Kraus" <K2UD@adelphia.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, October 13, 2002 10:15 AM
Subject: Atomic Clock accuracy

> I was able to find my clock off by a factor of minutes, though the second
> count was good. Howcome? I wonder if it got a faulty blast of data from
> Boulder at some time?

>

> It corrected itself sometime that same day and has been accurate since.
> Forgot the brand, but it was part of a group buy on this list a few years
> ago. The family even likes it!

>

> 72

>
> Howard Kraus, K2UD
>

Date: Sun, 13 Oct 2002 10:41:17 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: <k5di@zianet.com>, qrp-l <qrp-l@lehigh.edu>
Subject: [137980] Re: Wal Mart WWVB CLOCKS
Message-ID: <B9CEFE4C.1EA5E%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Karl - You are right:

"... I opened mine and it's empty...a tiny pc board bees waxed to a ferrite bar."

Yes, that is my point. There has to be more to something that does so much! And I guess I would like higher quality construction, but for \$12, I guess you can't ask for too much. - Duffey

--

James R. Duffey KK6MC/5
Cedar Crest, NM DM65

Date: Sun, 13 Oct 2002 09:54:38 -0700
From: Mark Schoonover <schoon@amgt.com>
To: "'n2apb@erols.com'" <n2apb@erols.com>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [137981] RE: Formula for successful field operating
Message-ID: <BF889CEBEFD2D511B993009027F60ABE251914@AG-JASMINE-NT4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

George,

You forgot the Libretto!! <http://www.dynamism.com> . I have the L3 version and love it. With the extended battery and conservative settings, I can get over 10 hours run time. My 817 will be here on Tues, and have plans to build up the same portable station you have. Oh, and before anyone asks -

I have to run Windows 2K on it for all those nifty power management features. Yes it can run Linux, but all those features would be gone... I prefer hiking and running to cycling tho'....

72

.mark

-----Original Message-----

From: George Heron N2APB [mailto:n2apb@erols.com]

Sent: Saturday, October 12, 2002 8:49 PM

To: Low Power Amateur Radio Discussion

Subject: Formula for successful field operating

Although homebrewing is surely my most favorite ham activity, I do enjoy operating and events over the last week were so motivating that I feel compelled to briefly share them.

I had recently sold off some gear that was not being used and purchased an FT-817 and various accessories. Last weekend I gathered all the items needed for a field operating adventure into a backpack, slung it over my shoulders and went out for my near-daily bike ride. (I'm an avid bicyclist and go out for long rides in the northern Maryland countryside 3-5 times a week.)

After a good hard press over hill and dale, I'd find an appropriate park or trailside area to stop and unpack the radio, PAC-12 antenna, St Louis Radials, BLT Tuner, and Ft Smith Paddles. In mere moments I'd be operating on just about whatever band was open ... and loving it!

It is such a rush to get out of the basement shack and operate in the open sunshine, breezes and passers-by. And combining personal activities like this (biking for physical health, and ham radio for mental health), actually generates more time for the family and ever-present household duties.

Enabling factors of this neat new-found combination include: the splendid little FT-817 rig, of course, that does everything in such a small package ... and (surprisingly) the backpack!

I use the "Expedition Pack" by Communication Outfitters which is an incredibly useful tote, designed with ham radio field ops and the FT-817 in mind. It's designed to hold everything I need for a CW field adventure like described here, and a quick changeover lets me bring along my Warbler (10/20/30/40/80) and handheld computer (Libretto) to do PSK31. I make up the backpack and charge the batteries the night before in preparation for rushing home from work the next day to do a quick spin and ragchew in the

field.

Morals of this simple story?

- 1) Operate the ham radio more often, in addition to building it all the time (or being on the Internet!);
- 2) Operate out in the field and (re)discover how much fun "field day" can be every week;
- 3) Combine your hobbies to increase enjoyment, save time;
- 4) Consider getting a readily-grabbed portable station together with your favorite components for use on a moment's notice.

72, George N2APB n2apb@amsat.org

PS: Links of interest for equipment mentioned ...

FT-817 -- AES <http://www.aesham.com/>
and Yaesu <http://www.yaesu.com/amateur/ft817.html>
Expedition backpack -- W4RT Electronics <http://www.w4rt.com/>
Warbler -- Small Wonder Labs <http://www.smallwonderlabs.com/>
St Louis Radials -- QRPp article by NF0R david.gauding@bbs.galilei.com
PAC-12 Antenna -- <http://www.njqrp.org/pac-12/index.html>
and QHB magazine http://www.njqrp.org/data/qrp_homebrewer.html
BLT Tuner - NorCal Kit <http://www.fix.net/~jparker/norcal.html>
P-TiCK Paddles -- Ft Smith QRP Group, w5jay@alltel.net

Date: Sun, 13 Oct 2002 10:07:54 -0700
From: "Bob Okas" <vintage2@earthlink.net>
To: <qrp-1@lehigh.edu>
Subject: [137982] Pacificon Room needed
Message-ID: <FHEJJJPJADNLFNJBOfACEDACCAA.vintage2@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Folks,

I delayed making my reservation, and now the rooms are sold out at the Sheraton. Doh! Is there anyone interested in sharing a room for 2 nights?

73,
Bob - W3CD

Date: Sun, 13 Oct 2002 13:12:51 -0400
From: "George Heron N2APB" <n2apb@erols.com>
To: "Mark Schoonover" <schoon@amgt.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [137983] Re: Formula for successful field operating
Message-ID: <005601c272db\$c59425a0\$14c13ad0@GHLTP4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks for the feedback Mark on the Libretto website. That unit sure is a nice one, albeit expensive.

The Libretto computer I use for portable ops is the model 70CT ... one of the older ones. In fact it still runs Win95, but is certainly good enough to run DigiPan. Got it off Ebay a couple of years ago for about \$300. Then, since it didn't have sound card capabilities, I found a \$40 PCMCIA sound card adaptor for it that worked just fine.

We'll have to use little Windows handheld computers like this for operating the digital modes until someone designs a WinCE version of DigiPan to run on the ARM-based Pocket PCs around these days. Or until projects like the Portable PSK (<http://www.njqrp.org/portablepsk>) or the Digital QRP Breadboard (<http://www.njqrp.org/digitalhomebrewing>) get working well enough. Fun stuff!

73, George N2APB n2apb@amsat.org

Date: Sun, 13 Oct 2002 10:16:05 -0700
From: "Jerry Parker" <qrpadio@charter.net>
To: <qrp-l@lehigh.edu>
Subject: [137984] Last Call for Custom Badges
Message-ID: <008101c272dc\$37353280\$6401a8c0@charter>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Amanda and I have been working on the custom badges for
Pacificon and will have to quit taking request Monday.

If you are coming please check the list and see if you are on it.

If not drop us a line and we will make you a custom badge

courtesy of NorCal.

Here is the list as we have it now:

W0MC Jerry McCollom
N0RC Rod Cerkoneey
N0QT Jan Medley

N1HE Ward Hill
K1MG Mike Gipe
AK1P Paul Maciel
K1SWL Dave Benson

N2CX Joe Everhart

W4NJK Charlie Masoln

KA5DVS James Bennett
K5HK Carl Youn
NA5N Paul Harden

AD6A Dave Fifield
NK6A Don Minkoff
W6AZ Ron Chester
W6AGS Arthur Silvers
KD6ANH Lerma Swartz
WD6BOR Darrel Jones
KF6CXC Bob Cortez
KG6DFZ Amanda Parker
KE6DRN / VK6DRN Chuck Thompson
KI6DS Doug Hendricks
KG6EDB Ann Palmer
W6EMD Dave Meacham
K6EXT Ron Baldwin
KD6FJI Lloyd DeVaughns
WA6GER Jim Cates
AD6GI Chuck Boblenz
AD6HD Dale McIntire
WA6HHQ Eric Swartz
AE6IM Pat OBrien
W6JET Rob Pure
WB6JDH Dich Palmer
AD6JV Bill Phillips

N6KR Wayne Burdick
AC6KW Jeff Grudin
KG6LHU Leslie McFee
KR6LO Larry Ferguson
NB6M Wayne McFee
AB6MB Jeff Jones
KK6MC Jim Duffey (Dr. Megacycle)
WA6MER Mike Schettler
KF6ML Sam Imai
WB6MLC Ken Chong
W6MMA Vern Wright
K6MMC Michael K McCarty
KK6MC James Duffey (Doctor Megacycle)
KE6MXX Ray Palacky
K6MW Mike Wood
KD6NLP Ann Palmer
WI6O John Percival
N6OFT Mike Payne
WA6OWR Jerry Parker
KE6RIE Doug Hauff
KE6RS Ron Smith
W6STN Gary Jensen
WB6TNL Steve Smith
AC6UV Gody Siason
N6WG Bob Tellefsen
K6ZLY Bob Wold
Colleen K6ZLY's XYL

W7AVK Bob Rolfness
KD7CTF Lee Hopper
KK7GG Mike (Solderman) Claussen
K7GT Allan Taylor
KL7OR Dean Davis
K7QO Chuck Adams
KD7S Bill Jones
WA7SPY Glenn Maclean
K7TQ Randy Foltz
N7VE Dan Tayloe

WB8DWD Nelson Winter

WD9EX Greg Overkamp

Thanks and 72,,,Jerry...WA6OWR & Amanda KG6DFZ

jparker@fix.net

Date: Sun, 13 Oct 2002 13:20:34 -0400
From: "George Heron N2APB" <n2apb@erols.com>
To: "QRP-L" <qrp-l@lehigh.edu>,
"James McKinley" <flyable@starpower.net>
Subject: [137985] Re: Formula for successful field operating
Message-ID: <005d01c272dc\$d9d06500\$14c13ad0@GHLTP4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Sure Jim. It's really not an all-band Warbler, but a Warbler for each band. Actually, to be more precise, it's a PSK-xx transceiver for each band. They're small enough to fit the bands-of-choice in the backpack for that outing. See (<http://www.njqrp.org/qhbextra/6/6k.html>) for an example of the packaging. And don't even need the FT-817, of course, just the little handheld computer and the PSK-xx units!

73, George N2APB

> When you get a minute would you mind telling me about your 'all band'
> Warbler.

Date: Sun, 13 Oct 2002 11:28:09 -0700
From: "John McClain" <digi2@earthlink.net>
To: <qrp-l@lehigh.edu>, "Monty N5FC" <n5fc@io.com>
Subject: [137986] Re: QRP-L digest 2707
Message-ID: <008501c272e6\$48e97860\$6401a8c0@phoenix.speedchoice.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am not sure but I believe that Powder Coating applies a charge to the metal that is being painted and the opposite charge to the paint. This causes the paint to be drawn to the metal. I have never seen it being used but I have seen the results. A friend rebuilt an old Datsun 280Z and Powder Coated all of the suspension and most everything under the hood. He ended up with a beautiful car. When something is Powder Coated, the paint appears to be VERY thick.

John
K7SVV
K2 #2569, SST 20, Rock Mite 20, Nor'Easter

----- Original Message -----

From: "Monty N5FC" <n5fc@io.com>
To: <qrp-l@Lehigh.EDU>; <digi2@earthlink.net>
Sent: Saturday, October 12, 2002 5:23 PM
Subject: Re: QRP-L digest 2707

> John et al:
>
> I've never understood the difference between spray painting and
powder
> coat... can someone explain? How exactly is the Harbor Freight
system set
> up to work?
>
> 73,
> monty N5FC
> <http://www.io.com/~n5fc/>
>
> At 19:03 10/12/2002 -0400, you wrote:
> >Date: Sat, 12 Oct 2002 12:02:15 -0700
> >From: "John McClain" <digi2@earthlink.net>
> >To: "QRP-L" <qrp-l@lehigh.edu>
> >Subject: [137944] OT: Powder Coat your enclosers
> >Message-ID:
<003601c27221\$ea46f040\$6501a8c0@phoenix.speedchoice.com>
> >MIME-Version: 1.0
> >Content-Type: text/plain;
> > charset="iso-8859-1"
> >Content-Transfer-Encoding: 7bit
> >
> >If you want your QRP enclosures and cabinets to have that
professional
> >appearance, take a look at the latest Harbor Freight flyer. They
have
> >a Powder Coating System onsale for \$59.99. It normally goes for
> >\$99.99. I am very tempted.
> >
> >
> >John
> >K7SVV
> >K2 #2569, SST 20, Rock Mite 20, Nor'Easter
>

Date: Sun, 13 Oct 2002 12:36:55 -0600
From: "Francis Callahan" <colcal@srv.net>
To: <QRP-L@lehigh.edu>
Subject: [137987] Universal Whip Ant
Message-ID: <000501c272e7\$82f68100\$8ece1341@callahan>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Has anyone tried the universal radio miracle whip antenna If so how did it
work 72 Cal KF7ET

Date: Sun, 13 Oct 2002 14:40:45 -0400
From: Haines Brown <brownh@hartford-hwp.com>
To: k5di@zianet.com
Cc: qrp-l@lehigh.edu
Subject: [137988] Re: Wal Mart WWVB Clocks
Message-ID: <200210131840.g9DIej006832@hartford-hwp.com>

> Hi Jim, I opened mine and it's empty...a tiny pc board bees waxed to
> a ferrite bar. It appears to me that you need to orient the radio
> right to get a good signal.

Due to distance and being largely surrounded by steel, my clock does
not sync unless I hold it up to the window. Any way of providing the
clock with a bit more of an antenna? For example, could one
capacitatively couple a wire to the ferrite antenna without simply
detuning the ferrite?

Brown KB1GRM

Date: Sun, 13 Oct 2002 11:58:52 -0700
From: Don Minkoff <cowchip@attbi.com>
To: qrp-l@lehigh.edu
Subject: [137989] Re: new rock-mite-40
Message-ID: <3DA9C26C.8050608@attbi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed

Content-Transfer-Encoding: 7bit

It was with a sigh of relief that when plugging in my newly built RM-40 there was no smoke. I started building it yesterday afternoon and two hours later it was complete. Hooked up the ant, and jacks to give it a quick try and instant 40 band. Fantastic little rig. Everything worked as described. Many PA stations were heard last night from CA with this little rig. Now I need a suitable cabinet.

Looking to join a team for next Friday's contest at Pacificon. I am now qualified.

Don Minkoff
NK6A

Date: Sun, 13 Oct 2002 11:57:18 -0700
From: Randy Foltz <rfoltz@turbonet.com>
To: qrp1_post <qrp-1@lehigh.edu>
Subject: [137990] ARCI Fall QSO Party
Message-ID: <3DA9C20E.30EA350E@turbonet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just a few items about the Fall QSO Party coming up the weekend of October 19 and 20.

1) This contest has perhaps the highest participation of any QRP contest. Last year there were about 670 unique calls found in the logs of the top 5 finishers. I'd guess that there were 700 to 800 folks on the air. Nearly all the states and provinces were available. Whether you are an avid contester or a casual participant, this is the place to be. If you'll be at Pacificon bring your rig and sneak in a contact or two to hand out the very rare CA multiplier. :)

2) The all time high scores for each state, province, and country as well as by band are available for viewing at <http://personal.palouse.net/rfoltz/arci/alltfall.htm> Some of the states have impressive high scores while others have room for improvement. Take a look at your state to see if you can improve on the highest score.

3) If you are going to form a team, I need a list of your team members before the start of the contest 1200 Z October 19.

4) Full rules are available at
<http://personal.palouse.net/rfoltz/arci/fall.htm>

--
73,
Randy, K7TQ
Moscow, ID
QRP ARCI Contest Chairman

Date: Sun, 13 Oct 2002 16:08:12 -0400
From: "W3CDE Jerry L." <w3cde@bellsouth.net>
To: k6whp@verizon.net
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [137991] Re: RDQ: AN/URM-25D Signal Generator Output
Message-ID: <3DA9D2AC.C2E071A4@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, the real question is when was the generator output calibrated last??? At least once a year for reliable operation... from a certified shop. Also when was the scopes calibration last certified/calibarted? Your two biggest variables.

Jerry
W3CDE

William Phinizy wrote:

>
> RDQ=Really Dumb Question..
>
> I use an old military AN/URM-25D signal generator and though I knew the ins
> and outs until I realized that I didn't know whether the RF output meter was
> peak-to-peak or RMS. Anyone know?
>
> Please check/explain my math to me:
>
> (1) The output meter of the AN/URM-25D meter is set to
> 10 uV and the switch is set to the 10K multiplication

> position. Therefore the generator is producing $10 \times 10,000$
> or 100,000 uV. Since 1 uV is $10e-6$ then the generator is
> producing a signal of 0.1 volts according to the meter.
>
> (2) My scope attenuator is set to .1 Volt-per-division so
> if the output of the generator is measured in peak-to-peak
> volts then I should see a trace one division high on the
> scope. If I see a trace 2.828 then I can assume that the
> generator meter is calibrated in RMS and I am seeing the
> peak-to-peak result. Yet when I measure it, I get
> approximately 2.6 divisions or 260 mV or .260 Volts.
> Which I chalk up to "fudge factor" and analog error.
>
> Am I all wet?
>
> My thanks in advance for the help.
>
> Bill, k6whp
> >

Date: Sun, 13 Oct 2002 14:34:01 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: [137992] Battery Chargers
Message-ID: <Pine.LNX.4.44.0210131422311.1886-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Since no-one has shown the slightest interest in a Li-ion charger, and since I don't either, I'm back to a simpler charger for my Ni-MH batteries. I was happy to find the new 7.6 volt 1600 Ma-hour battery is good for all week again! And I'm charging it for 13-14 hours at 150 Ma constant current from my HP lab power supply.

I HAD a 5 volt regulator somewhere here but it's lost. So tomorrow Monday I will buy one and THEN find the one I already had. I will build it all ugly on a small piece of perf board using a 12 VDC wall wort supply.

I decided to check out the charger I have been using for like 10 years and it's the pits! I measured the current into a short and it was 800 Ma! The voltage regulator just regulates to 10 volts! So this is a terrible charger. I will never use it again. My new one will put 150 Ma into a short or, a fully charged battery. That's why you need to time

the charge.

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Sun, 13 Oct 2002 17:10:04 -0400
From: "Alan Fryer" <N3BJ@hotmail.com>
To: <qrp-l@lehigh.edu>
Subject: [137993] FS/FT: Norcal 20 QRP Rig
Message-ID: <0E24eHv032jUTK3PcEz00003bae@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For Sale: Norcal 20 in nicely painted case. Works FB, AGC mod done, 10 turn pot, gets solid 5W out, original manual.

Pix on request. \$80 shipped or trade for Drake 2-NT, Eico 720 or 723, Ameco TX-86, Globe HG-303, Heathkit DX-35, DX-40, DX-60 in good shape. Also looking for Eico 722 or Heathkit HG-10 VFO for above. Can add cash for TX/VFO combo.

Alan, N3BJ
Bent Mountain, VA

Date: Sun, 13 Oct 2002 15:34:42 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: <colcal@srv.net>, qrp-l <qrp-l@lehigh.edu>
Subject: [137994] Re: Universal Whip Ant
Message-ID: <B9CF4312.1EA97%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Cal - On March 21, I sent the following to the list. It is still valid.

The HF- Pack group has the results of an antenna shoot out.

On 20 M the Miracle Whip was 10 dB down from a reference quarter wave vertical.

What does this mean?

If you put 0.5 watts into the reference vertical antenna you will need to put 5 watts into the Miracle Whip to get an equivalent signal.

For strong "S9" signals, you probably won't notice much difference. On the Miracle Whip they will be S5 to S7.

A CW signal becomes good, solid copy at 10 dB above the noise. Call it an S2 or S3. With the Miracle Whip such a signal will be at the noise level.

Most good CW ops can copy CW with the signals at or a dB or 2 below the noise. These won't be copiable with the Miracle Whip.

I hope that this helps people judge the effectiveness of the Miracle Whip. -
Dr. Megacycle KK6MC/5

--

--

James R. Duffey KK6MC/5
Cedar Crest, NM DM65

--

James R. Duffey KK6MC/5
Cedar Crest, NM DM65

Date: Sun, 13 Oct 2002 17:01:36 -0500
From: "Steve Yates - AA5TB" <aa5tb@arrl.net>
To: "QRP-L Distribute" <qrp-l@lehigh.edu>
Subject: [137995] Active on 30m While Camping
Message-ID: <001101c27304\$1a09d2b0\$8436a6d8@Main>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I hope to be active after 0200 UTC Monday morning (9:00 PM CST Sunday night) while camping southwest of Fort Worth. Look for me around 10.116 MHz. I will have my three boys and a neighbor kid with me so have patience :-)

38 Special @ 3.5 watts
End-Fed Halfwave in the cedar trees

73,
Steve Yates - AA5TB

<http://www.qsl.net/aa5tb/>

Date: Sun, 13 Oct 2002 18:05:04 -0400
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [137996] Worked ZD7VC 5 Watts SSB
Message-ID: <3DA9EE10.30EFDA89@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Awesome! I just worked ZD7VC, Bruce, on 18.156 with 5 Watts SSB, at 21:35 UTC. I asked him about their shortwave station that used to transmit from there once a year on St. Helena's day. Unfortunately it's off the air. I think St. Helena's day used to be around October 25. I always enjoyed listening to it in the past. I think I even have tapes of their last transmission somewhere.

Anyway, after I told him I was running 5 Watts he dropped his power to see if we could do a two way QRP. Unfortunately, I only received him S1 for a couple of seconds and then he disappeared in the noise and QRM on nearby frequencies and the ever present tuner uppers. It's very nice that he tried, though.

A very nice memorable contact.

73,
--Alex (KR1ST)

Date: Sun, 13 Oct 2002 18:13:22 -0400
From: "Thaire Bryant" <w2apf@attbi.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [137997] Nor'easter wanted
Message-ID: <007001c27305\$bedbc5e0\$479d1e42@ne2.client2.attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Does anyone have a Nor'easter they would like to sell (Kit)?
73,

Thaire W2APF

End of QRP-L Digest 2708

